



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Delta Doors Manufacturing Co.
7500 NW 69th Ave
Miami, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "BAL-350" Single Outswing Aluminum Entrance Door-Impact

APPROVAL DOCUMENT: Drawing N0. **W04-85**, titled "Series-BAL-350 Alum Entrance Door", sheets 1 through 5 of 5, prepared by Al Farooq Corporation, dated 10-08-04 and last revised on June 09, 2008, signed and sealed by Dr. Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Small Missile Impact Resistant

Limitation:

1. This door with frame can be installed in Delta Door storefront or Miami-Dade approved storefront system having current NOA, to be reviewed by AHJ. Lower design pressure shall control.
2. Units are rated to max. DP=100 psf with the frame jamb item #2 (5"x1").

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # **05-0902.04** consists of this page 1 and evidence sheet E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

MIAMI-DADE COUNTY
APPROVED

NOA No 08-0618.05
Expiration Date: November 03, 2010
Approval Date: August 07, 2008
Page 1

8
7/17/08

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS (transferred from file # 05-0902.04)

1. Manufacturer's die drawings and sections.
2. Drawing N0. **W04-85**, titled "Series-BAL-350 Alum Entrance Door", sheets 1 through 5 of 5, prepared by Al Farooq Corporation, dated 10-08-04 and last revised on June 09, 2008, signed and sealed by Dr. Humayoun Farooq, P. E.

B. TESTS (transferred from file # 05-0902.04)

1. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Water Infiltration resistant Test
 - 3) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 4) Small Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, Per FBC 2411 3.2.1 and TAS 202-94

Along with marked-up drawings and installation diagram of aluminum outswing entrance doors, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. Test Reports No. **FTL-4595**, dated 04/18/05 and **FTL-4256**, dated 07/20/04, both signed and sealed by Edmundo Largaespada, P. E.

C. CALCULATIONS

1. Anchor verification, comparative and structural analysis, prepared by AL- Farooq Corporation, dated 06/05/08, signed and sealed by Dr. Humayoun Farooq, P.E.

D. QUALITY ASSURANCE

1. Miami Dade /Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **03-0415.13** issued to Solutia, Inc. for "Vanceva Composites", expiring on 12/11/08.
2. Notice of Acceptance No. **05-1208.02** issued to "E.I. DuPont Denemours" for "DuPont Butacite ® PVB" dated 02/15/01, expiring on 12/11/10.
3. Glazing complies w/ ASTM E-1300-02

F. STATEMENTS

1. Statement letter of code compliance and "No financial interest", dated 06-05-08 signed and sealed by Dr. Humayoun Farooq, P.E.
2. Statement letter of Lab compliance, as a part of above referenced test reports

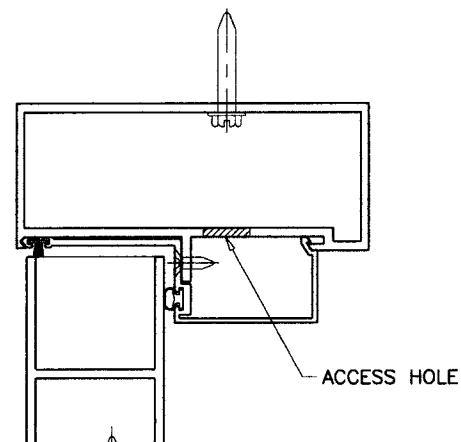
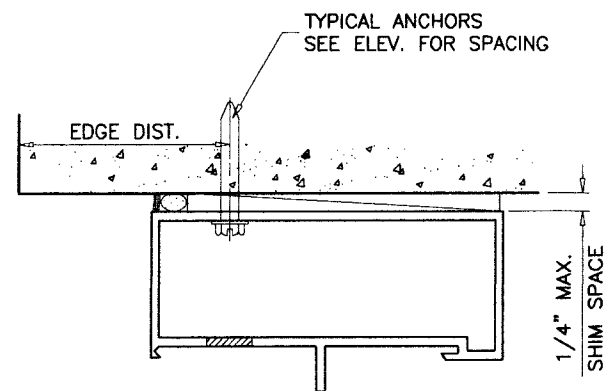
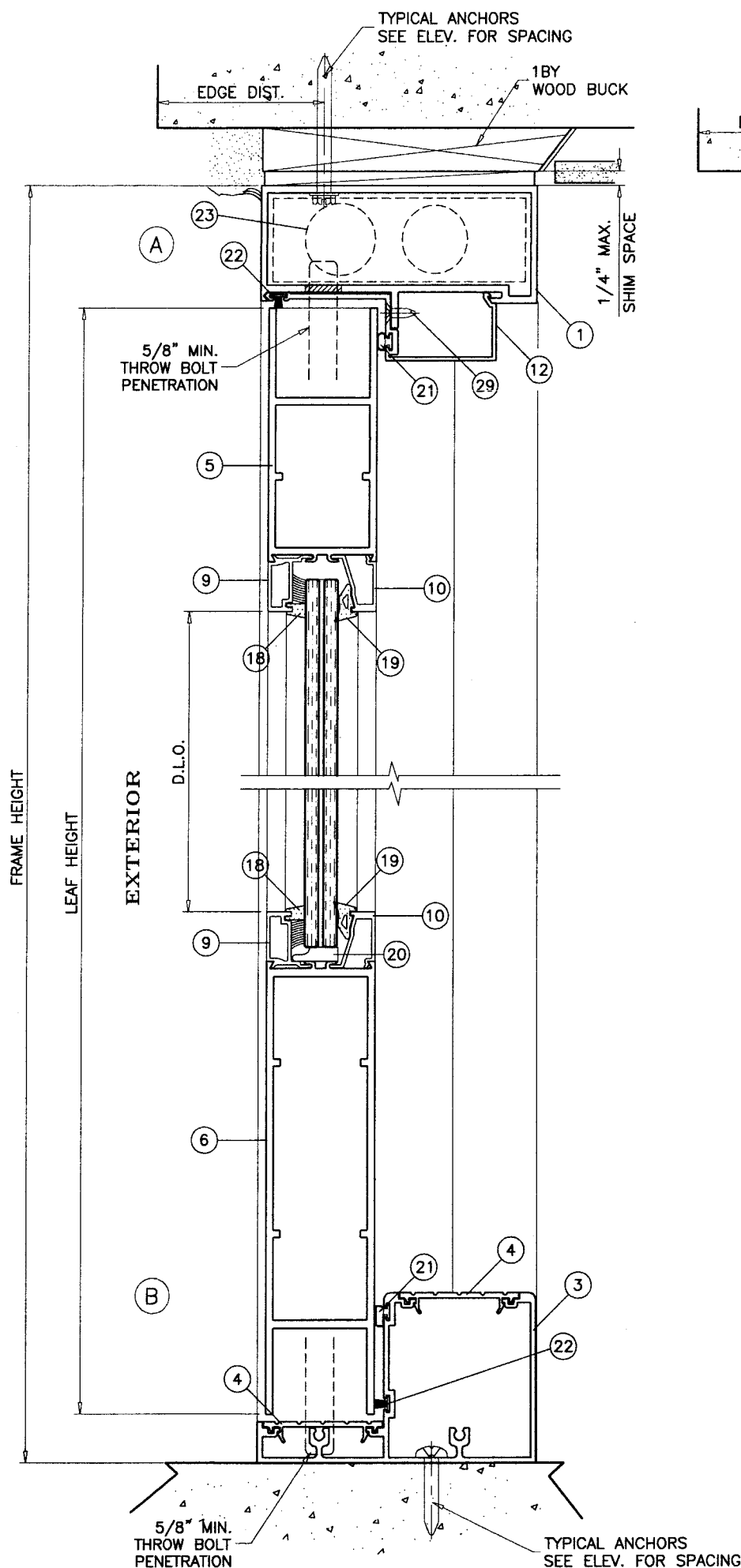
G. OTHER

1. This NOA **revises** NOA # **05-0902.04**, expiring 11-03-2010.
2. Test proposals # 02-0472 & # 06-0182, issued by BCCO.

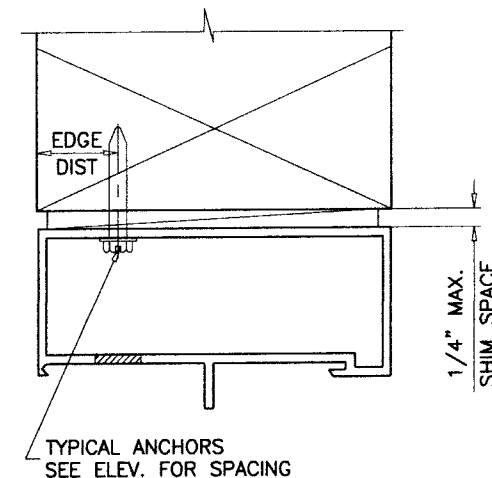
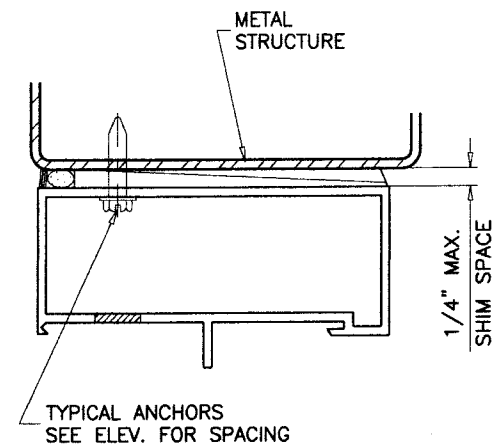


Ishaq I. Chanda, P. E.
Product Control Examiner
NOA No 08-0618.05

Expiration Date: November 03, 2010
Approval Date: August 07, 2008



ALTERNATE LOCATION
FOR TYPICAL ANCHORS



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A' - 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

TYPE 'B' - 1/4" DIA. ULTRACON BY 'ELCO'
DIRECTLY INTO CONC. OR MASONRY
1-3/8" MIN. EMBED INTO CONC. OR MASONRY

TYPE 'C' - #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO METAL STRUCTURES
STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f'c = 3000 PSI MIN.
MASONRY f'm = 1500 PSI MIN.

SEALANTS:

FRAME CORNERS, ASSEMBLY SCREWS AND HEADS OF
ANCHOR SCREWS AT SILL TO BE SEALED WITH SEALER.
LEAF JOINTS SEALED WITH SILICONE.

LOCK:

THREE POINT LOCK SYSTEM WITH SURFACE MOUNT
HANDLE AT 44-1/2" FROM BOTTOM.

DEAD BOLT LOCK KEY OPERATED ON EXTERIOR AND
THUMBTURN ON INTERIOR, AT 46" FROM BOTTOM.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-0618-05
Expiration Date NOV 03, 2010
By Isaac J. Chan
Miami Dade Product Control
Division

WOOD BUCKS AND METAL STRUCTURES NOT BY DELTA DOORS.
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND
TRANSFER THEM TO THE BUILDING STRUCTURE.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

JUN 09 2008

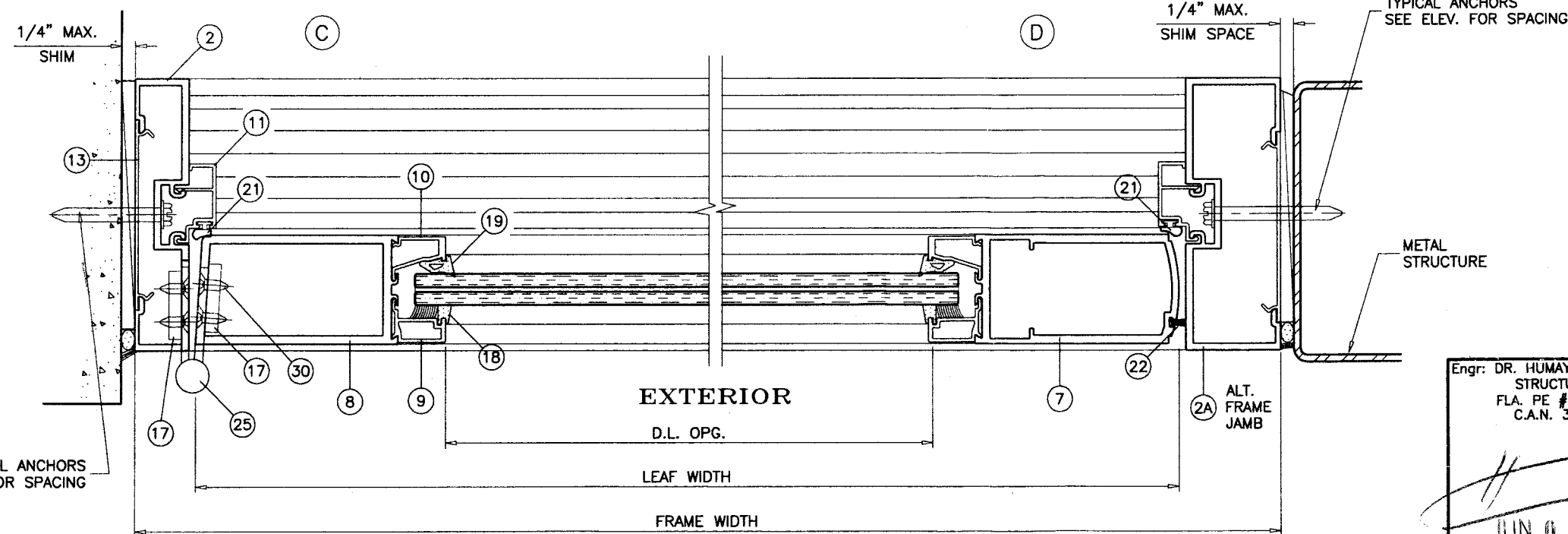
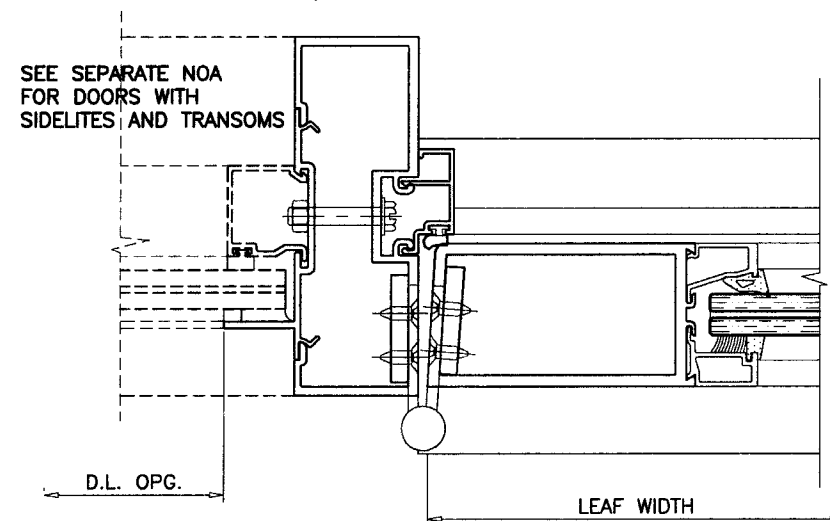
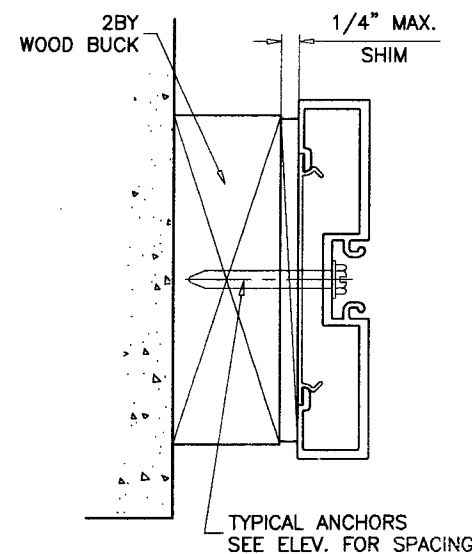
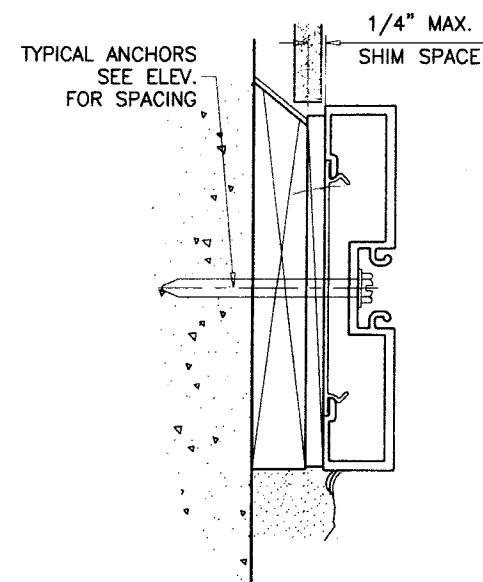
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP - ANL \ W04-85DD

SERIES BAL-350 ALUM ENTRANCE DOOR (S.M.I.)
DELTA DOORS
7191 N.W. 77 TERR.
MIAMI, FL 33166
TEL. (305) 888-0077 FAX. (305) 884-3111

| no | date | by | description |
|----|----------|------------------------|-------------|
| A | 10.17.05 | REV. PER BCCO COMMENTS | |
| B | 06.05.08 | UPDATED FOR 2007 FBC | |

date: 10-08-04
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W04-85
sheet 2 of 5



| ITEM # | PART # | REQD. | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|--------|---------------|----------|----------------------------|--------------------|-------------------------|
| 1 | DLD-105 | 1 | FRAME HEAD | 6063-T6 | - |
| 2 | DLD-119 | 2 | FRAME JAMB | 6063-T6 | - |
| 2A | DLD-124 | 2 | ALT. FRAME JAMB | 6063-T6 | - |
| 3 | DLD-122 | 1 | FRAME SILL | 6063-T6 | - |
| 4 | DLD-123 | 1 | SILL FILLER | 6063-T6 | - |
| 5 | DLD-107M | 1/ LEAF | TOP RAIL | 6063-T6 | - |
| 6 | DLD-110M | 1/ LEAF | BOTTOM RAIL | 6063-T6 | - |
| 7 | DLD-115 | 1/ LEAF | LOCK STILE | 6063-T6 | - |
| 8 | DLD-114 | 1/ LEAF | HINGE STILE | 6063-T6 | - |
| 9 | DLD-108M | 4/ LEAF | EXTERIOR GLASS STOP | 6063-T6 | - |
| 10 | DLD-109M | 4/ LEAF | INTERIOR GLASS STOP | 6063-T6 | - |
| 11 | BCE-460 | 2/ DOOR | DOOR STOP JAMB | 6063-T6 | - |
| 12 | DLD-106 | 1/ DOOR | DOOR STOP HEAD | 6063-T6 | - |
| 13 | BCE-475 | AS REQD. | FLAT FILLER, 2-1/2" LONG | 6063-T5 | AT ANCHOR LOCATIONS |
| 14 | DH-6 | - | END CAP ANGLE | ALUMINUM | 4 11/16" LONG |
| 15 | DH-4 | - | SHEAR BLOCK CHANNEL | ALUMINUM | 4 11/16" LONG |
| 16 | DLD-3 | - | SHEAR CLIP | 6063-T5 | - |
| 17 | - | - | HINGE REINFORCING PLATE | ALUMINUM | 1-1/4" X 1/4" X 8" LONG |
| 17A | #12 X 1/2" | 4/ PLATE | HINGE PLATE SCREWS | - | FH MS |
| 18 | TR-5399S | - | EXTERIOR GASKET | DUROMETER SILICONE | - |
| 19 | TR-3235E | - | INTERIOR GASKET | DUROMETER EPDM | - |
| 20 | 995 | - | GLAZING COMPOUND | SILICONE | DOW CORNING |
| 21 | BW-75 | AS REQD. | BULB W'STRIPPING | VINYL | .375" H X .270 T-SLOT |
| 22 | T4216-K | AS REQD. | PILE W'STRIPPING | - | - |
| 23 | 3031 | AS REQD. | OVERHEAD CONCEALED CLOSURE | - | REGENT |
| 24 | 1350 | - | SETTING BLOCK | - | - |
| 25 | - | 4/ LEAF | BUTT HINGES (4-1/2" X 4") | - | HAGER USA |
| 26 | #12 X 1-1/4" | AS REQD. | FRAME ASSEMBLY SCREWS | - | P.H. SMS |
| 27 | #12 X 1-1/4" | AS REQD. | FRAME ASSEMBLY SCREWS | - | F.H. SMS |
| 28 | 1/4-20 X 5/8" | AS REQD. | FRAME ASSEMBLY SCREWS | - | H.H. MACHINE SCREWS |
| 29 | 10-24 X 1/2" | 4/ LEAF | DOOR STOP SCREWS | - | F.H. MACHINE SCREWS |
| 30 | 12-24 X 1/2" | 4/ HASP | HINGE INSTALLATION SCREWS | - | F.H. MACHINE SCREWS |

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Miami Dade Product Control
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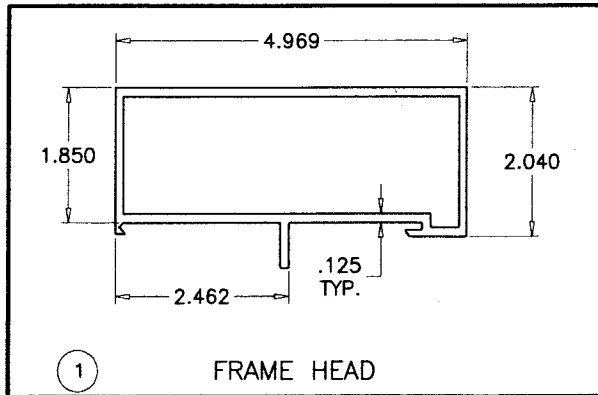
Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

JUN 09 2008

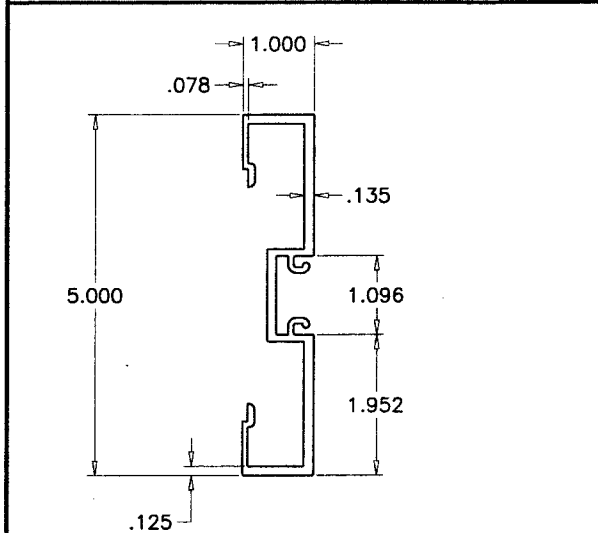
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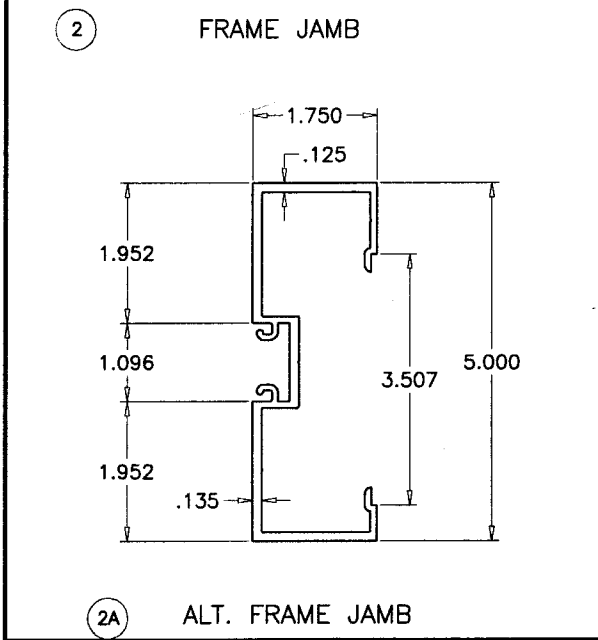
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| sheet | 3 of 5 |



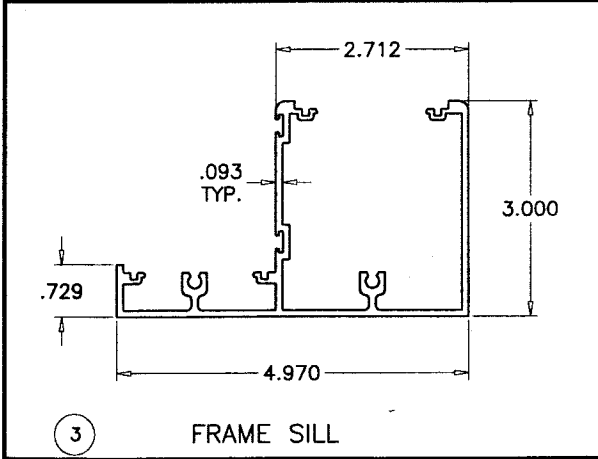
① FRAME HEAD



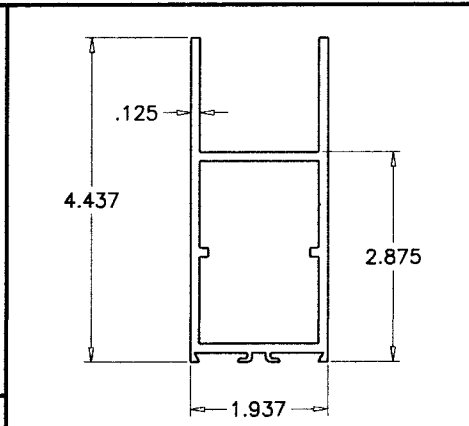
② FRAME JAMB



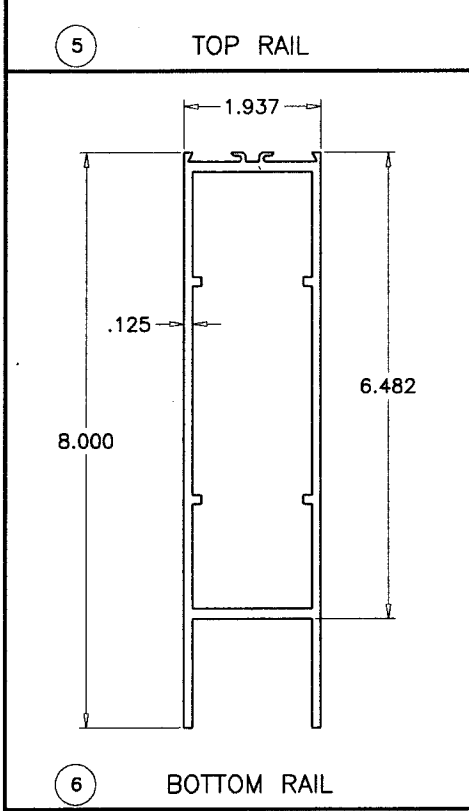
②A ALT. FRAME JAMB



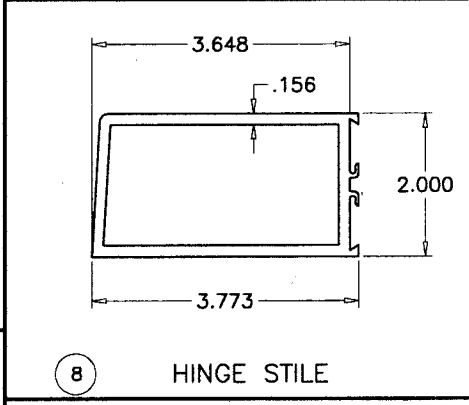
③ FRAME SILL



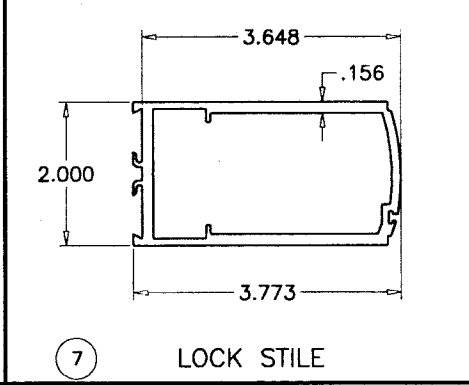
⑤ TOP RAIL



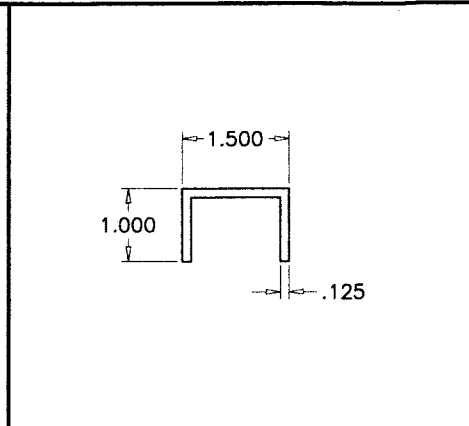
⑥ BOTTOM RAIL



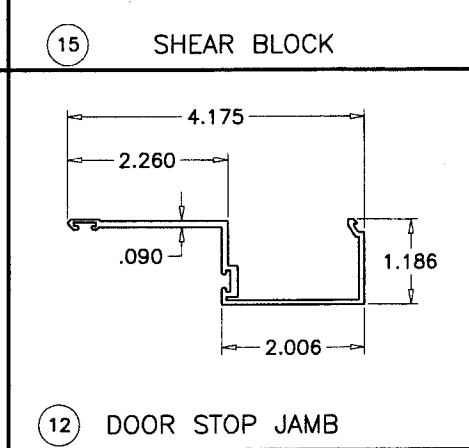
⑧ HINGE STILE



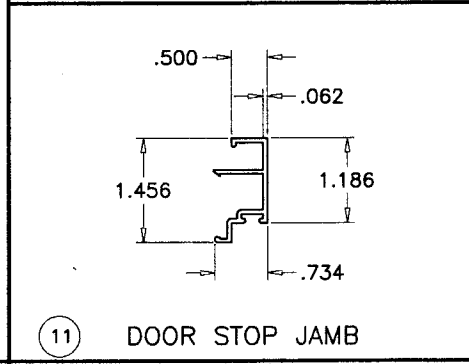
⑦ LOCK STILE



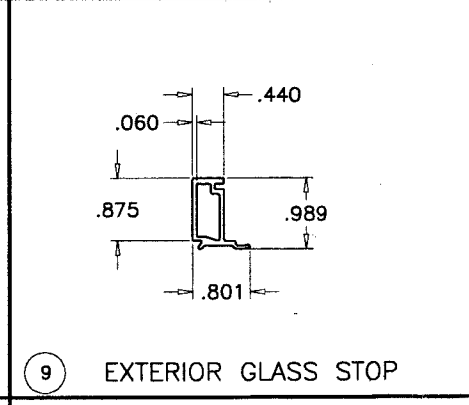
⑮ SHEAR BLOCK



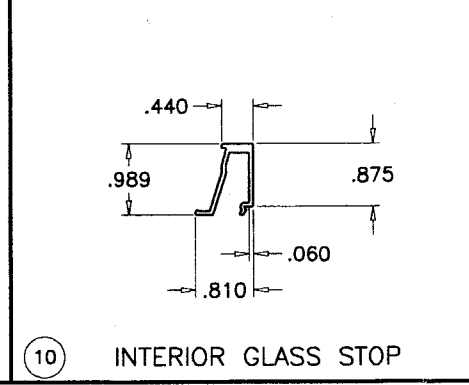
⑫ DOOR STOP JAMB



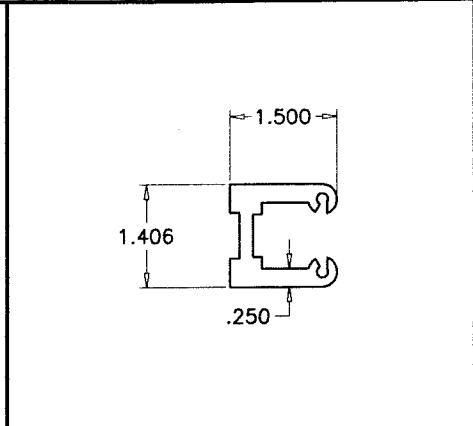
⑪ DOOR STOP JAMB



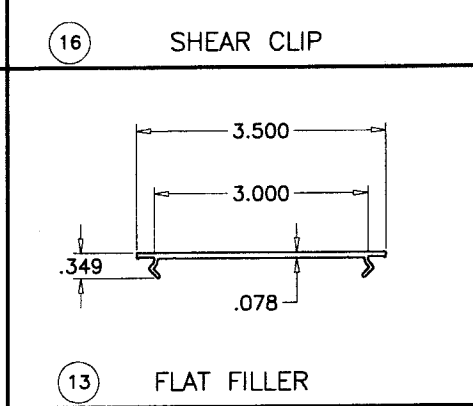
⑨ EXTERIOR GLASS STOP



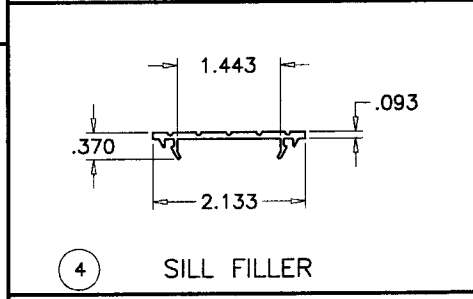
⑩ INTERIOR GLASS STOP



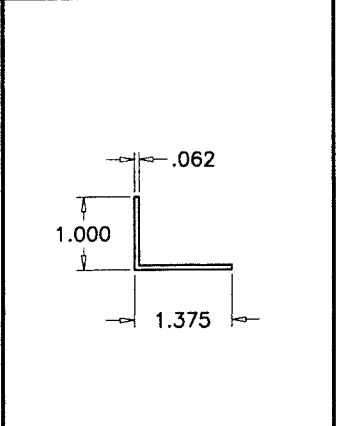
⑯ SHEAR CLIP



⑬ FLAT FILLER



④ SILL FILLER



⑭ END CAP ANGLE

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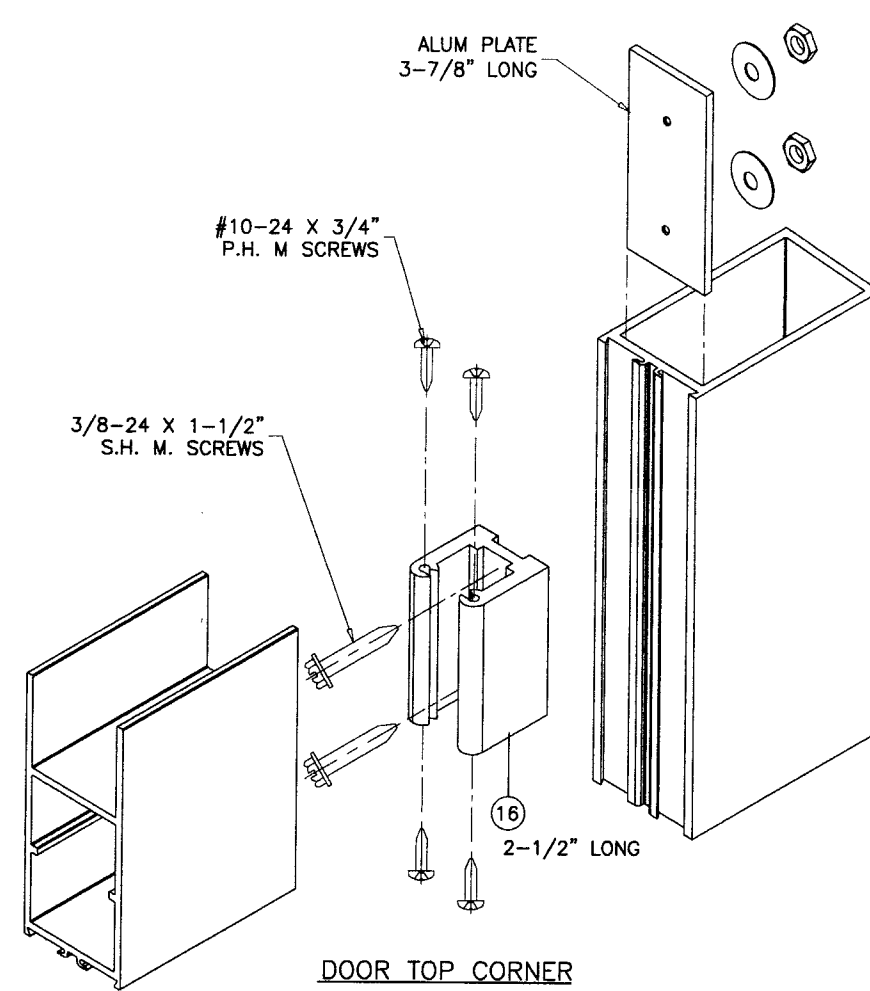
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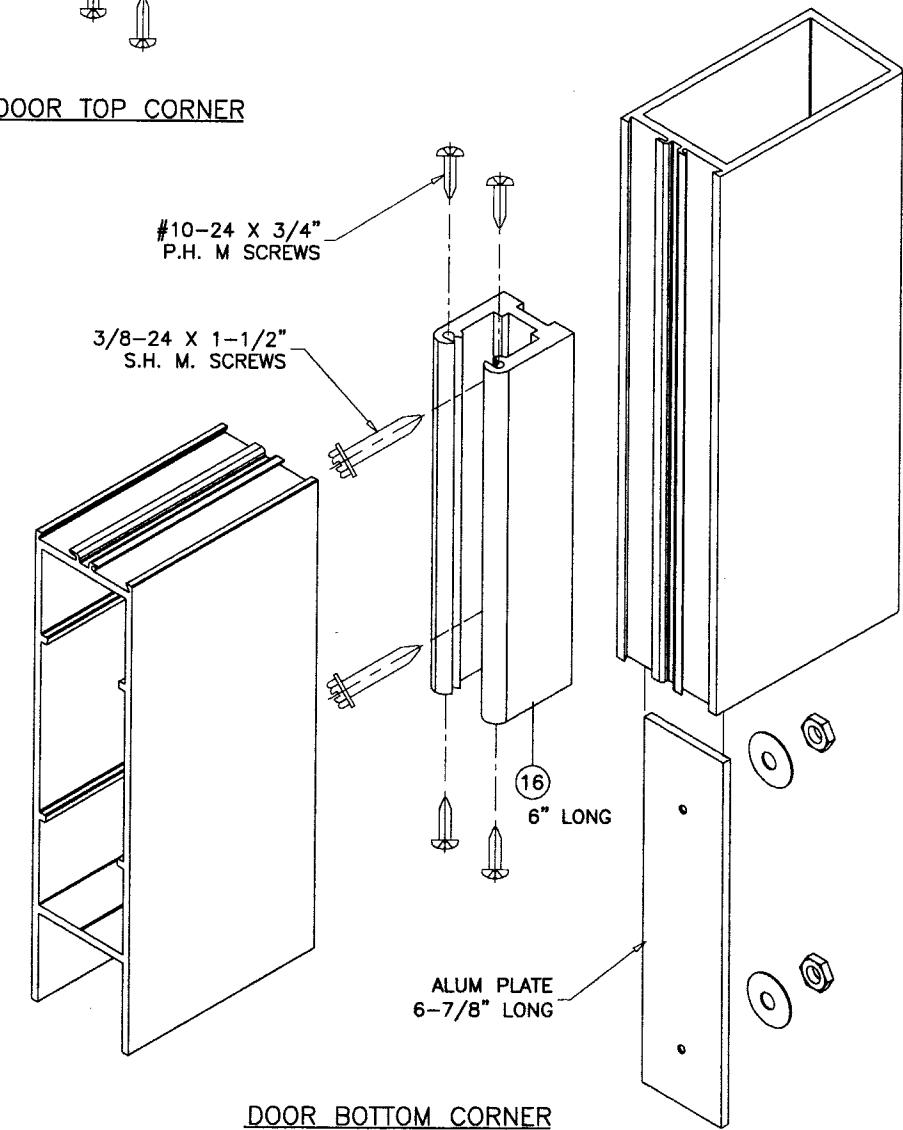
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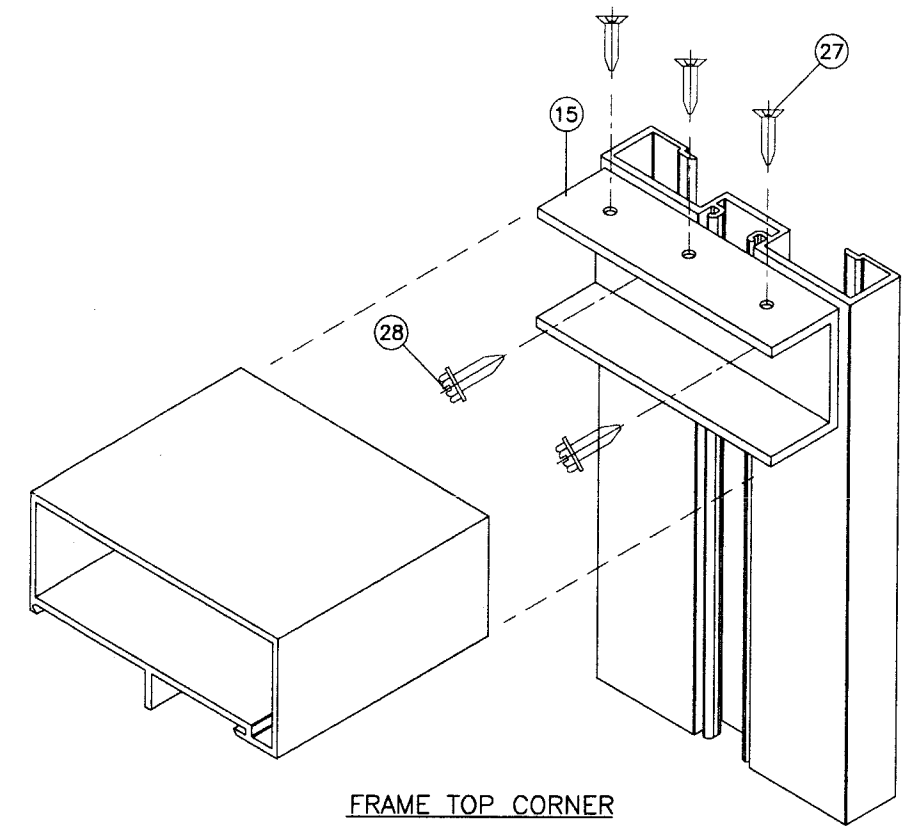
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W04-85
sheet 4 of 5



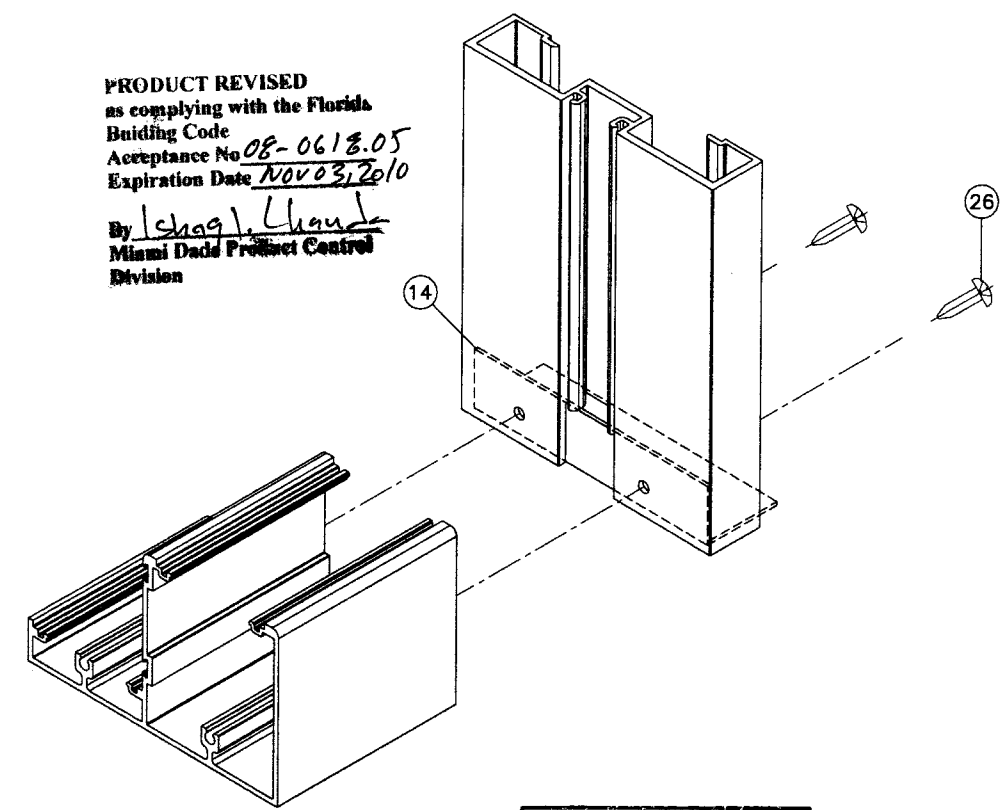
DOOR TOP CORNER



DOOR BOTTOM CORNER



FRAME TOP CORNER




FRAME BOTTOM CORNER

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By Shag1, Lhau
Miami Dade Product Control
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Engr: DR. HUMAYOUN FAROOQ
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sheet 5 of 5